

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph that begins at page 65 with the following:

It has been shown that human chromosome 14 fragment SC20, [[[]] which is retained within the deposited as chicken DT-40 cell that bears the Accession Number FERM BP-7583, wherein the DT-40 cell was deposited under that Accession Number in the International Patent Organism Depository denoted as the National Institute of Advanced Industrial Science and Technology, located at the Advanced Industrial Science and Technology (Tsukuba Central 6, 1-1-1 Higashi, Tsukuba, Ibaraki, Japan) on May 9, 2001[[[]]], is retained almost 100% in a mouse and can be transmitted to progeny. Therefore, in this invention, SC20 is used as a human artificial chromosome vector. That is, the translocation of HCF2-Ig λ -LIF fragment of human chromosome 22 and cosYHZ304-Ig κ -CD8A fragment of human chromosome 2 as described above in A and B to SC20 resulting in construction of human artificial chromosomes λ and κ -HAC having the fragments of the human chromosomes 22 and 2 cloned thereto.